

(19) KOREAN INTELLECTUAL PROPERTY OFFICE

KOREAN PATENT ABSTRACTS

(11)Publication number: 97005750 B1
(43)Date of publication of application: 19.04.1997

(21)Application number: 94010203
(22)Date of filing: 10.05.1994

(71)Applicant: BANSEOK CO., LTD
INDUSTRIAL AND
SCIENTIFIC TECHNOLOGY
RESEARCH FOUNDATION

(72)Inventor: KIM, SANG WON
YANG, CHUNG JIN
BYUN, KAB SIK
CHOI, SEUNG DEOK
PARK, EON BYUNG

(51)Int. Cl H01F 1/059

(54) MATERIAL OF Sm-Fe KINGDOM PERMANENT MAGNET FOR RESIN MAGNET, AND ITS MANUFACTURE METHOD

(57) Abstract:

In the material of a permanent magnet for a resin magnet, the material of the Sm-Fe kingdom permanent magnet is characterized by a chemical formula for a chemical compound of $\text{SmFe}_{7+x}\text{M}_x$, wherein m indicates more a first-class or a second-class selected among Mo, V, Nb and Ti and x represents a composition range between 0.2 and 2.0, thereby effectuating a use of permanent magnet's powder material for a resin magnet since it may be practically used by a prominent magnetic characteristic and a low cost.

Copyright 1999 KIPO

Legal Status

Date of request for an examination (19940510)

Final disposal of an application (registration)

Date of final disposal of an application (19970710)

Patent registration number (1001189740000)

Date of registration (19970725)